

**Iowa Power Fund Board**  
**Meeting Minutes March 11, 2009**  
 Grand View College  
 Humphrey Center  
 Des Moines, Iowa

**Call to Order:**

Fred Hubbell, board chair, called the meeting to order at 10:15 A.M. He acknowledged a quorum.

Member	Present	Absent	Member	Present	Absent
Voting Members			Ex-Officio Members		
Fred Hubbell, Chair	X		Gregory Geoffroy		X
John Bilsten		X	Bill Giddings	X	
Peter Hemken	X		Kent Henning	X	
Patricia Higby	X		Senator Hubert Houser		X
Carrie LaSeur	X		Senator Roger Stewart	X	
Richard Leopold	Aaron		Rep. Nathan Reichert		X
John Norris	Joan		Rep. Chuck Soderberg	X	
Bill Northey	X		<i>Due Diligence Committee</i>	Present	Present
Lucy Norton	X		Kevin Nordmeyer	Franklin Codel	
Mike Tramontina	Karen		Ted Crosbie	Vern Gebhart	
Thomas Wind, V-Chair	X		Curt Hunter	Fred Hubbell	X
			Patricia Higby	Roya Stanley	X

OEI staff in attendance: Roya Stanley, Jennifer Wright, Brian Crowe, Jessica Zopf, Sean Bagniewski, Sherry James

**Approval of Agenda:**

Action: Mr. Hemken moved, Mr. Leopold seconded, to approve the agenda as printed. All members present voted "aye".

**Approval of Minutes:**

Action: Ms. Norton moved, Mr. Leopold seconded, to approve the February 11, February 19 and February 26 minutes as written. All members present voted "aye".

**Chair's Remarks:**

Chair Fred Hubbell had no comments.

**Director's Remarks:**

Director Roya Stanley reported the legislators may have a shorter session this year but will probably not end until following the April board meeting. There was discussion regarding a bill to combine the energy division of the Department of Natural Resources with the Office of Energy Independence. The bill also requested OEI hire FTE's out of non-state money both for the consolidation of employees and for the operations of the stimulus funds. Director Stanley reported the stimulus criteria had a much different mission with different functions than the Power Fund criteria. The stimulus funds are more

for proven projects that are already in progress, versus the Power Fund money is more for new renewable energy projects. There could also be some power fund projects that have been denied that meet the criteria for the stimulus projects that are technically sound but not innovative.

Ms. Stanley reported the guidance from DOE to include the criteria and details for the federal stimulus money is expected around the middle of March. She also reported that Iowa is one of 16 states to receive Governor's Accountability Office (GAO) frequent audits.

There was much discussion regarding strategies for next year's legislative session. The other state agencies shared their legislative plans as to when they begin discussions with legislators for the following year's expected bills. The legislators shared that the more specific the agencies can be as to what they are bringing forward, the better idea the supporting legislators will have for their bills.

**Public Comments:**

There were no public comments.

**Committee Reports:**

Administrative Rules: Ms. Wright reported the Administrative Rules were filed as 'Noticed' per approval at the January board meeting. There were no comments presented to the Office for consideration during the public comment period. Staff recommended the rules be filed as final.

Action: Ms. Merrick moved, Mr. Northey seconded, to approve the administrative rules as presented and file them as "Adopted and Filed". All members present voted "aye".

Due Diligence: Director Stanley reported the pre-applications presented to the February 25 DDC were denied. Chairman Hubbell reminded the Board that they have the authority to ask the DDC to review any preapplications or full applications that were denied. He also reported that there would be a full application presented at this meeting for their consideration.

Chairman Hubbell reviewed the Iowa Power Fund Project Summary List regarding the remaining budget. The Office prepared a project report that included updates for all contracted projects. The board members requested to have this report on a quarterly basis. Mr. Hubbell reported there would be oral updates from two projects given to the board at this meeting.

Planning Committee: Director Stanley reviewed a detailed timeline for the Energy Independence Plan. She reported there would be monthly responsibilities to be completed ranging from committee meetings to public forums to reviews of the Plan. It is anticipated that the final draft of the Plan would be sent to the Board for their review at the October board meeting.

There was discussion regarding site visits for the completed projects, public forums during the Iowa State Fair and other communication opportunities.

There was also discussion regarding the "Plan of Plans" that was a summary of all of the energy plans that are written. A rough draft was presented for the board's review. Further discussion will be held at the April meeting.

Application Committee: There was nothing to report.

## **Projects Update**

**Novecta Glycerol Study** – Dan Uthe reviewed the project.

- In 2009 2.5 million tons of glycerol will be available in Iowa; 30,000,000 gallon biodiesel facility will produce 10,000 tons of glycerol
- Three objectives for project:
  1. Quantify physical and chemical characteristics of glycerol
  2. Analyze the storage and handling on glycerol
  3. Analyze the feed and pelletizing properties of glycerol
- Considerable variations were found in the various samples of glycerol between samples
- Biodiesel with animal fat have a much higher rate of methanol than biodiesel developed with soy-oil. Animal fat feedstock has a higher content of methanol because is harder to pull methanol back out of fuel, as a reagent.
- The pelleting process and quality- corn and soybean meal diet (swine and poultry diets)
- Included glycerol at 0,3,6, and 9 percent levels. Novecta analyzed steam conditions, pellet quality, and energy consumption.
- 3% seems to be the best inclusion rate. Standard modified PDI for the control diet was 84 and 82 percent.
- No negative aspects with storage
- Pellet quality increased with the use of glycerol
- There is much more data, and the researchers are anxious to present more technical information into trade journals to promote the industries use in feed.

Glycerol has more fat content. But, unlike fats, can be incorporated into feed. This study really opened the door for other research to be done in glycerol feed research.

The next step will be to get information published, researchers will need to review the results, and analyze. Once reviewed and accepted, if the glycerin is incorporated, can have value-added affects.

**UNI Energy Poll** – Ron Padavich, reviewed the details of the UNI Energy Poll. Iowa Energy Poll was collected in October and November of 2008. The Energy Poll was collected to gauge Iowan's opinions and knowledge regarding energy consumption, energy knowledge, and energy efficient practices.

The Strategic Marketing Services at UNI is giving the data to the Office of Energy Independence to post on the website. But, this data was developed for the Office and the Power Fund to use to determine future policies and direction for the OEI.

## **Full Applications**

Mr. Crowe reported Iowa Alliance for Wind Innovation and Novel Development (IAWIND) was requesting funding to implement research and training components and to scope university-based, large-scale gearbox testing facilities to support the continue growth of turbine component manufacturing in Iowa. IAWIND was formed to support the State of Iowa in its efforts to continue to attract and nurture wind energy and related industries, and to become the national leader in alternative energy technologies.

**Action:** A roll call vote resulted as follows: Hemken, yes to negotiate; Wind, yes to negotiate; Norton, yes to negotiate ; LaSeur, yes to negotiate; Brees, yes to negotiate ; Northey, yes to negotiate ; Conrad, yes to negotiate ; Hubbell, yes to negotiate . Motion carried.

Negotiating team is Mr. Wind, Mr. Hubbell, Mr. Hemken and Mr. Northey.

**Public Comments:**

There was no public comment.

**Other Business:**

There was no other business to be discussed at this time.

**Adjournment:**

There being no further business to discuss at this time, Mr. Hemken moved, Mr. Northey seconded, the meeting be adjourned at 3:00 P.M. All members present voted "aye". The next Power Fund Board meeting will be held on Wednesday, April 8 at 10:00 AM, at the GrandView College.

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Fred Hubbell, Board Chair

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Sherry James, Recording Secretary